

CERNY, J.

On the problem of the existence and clinical significance of intra-hepatic hemocirculatory shunts in cirrhosis of the liver. Bratisl. lek. listy 42 no.5:264-271 '62.

1. Z Laboratoria pre vyskum chirurgickej patofyziolgie Lek. fak. Univ. Komenskeho v Bratislave, riaditel doc. MUDr. M. Kratochvil.

(LIVER CIRRHOSIS experimental)

CERNY, J.

Health care of adolescents and recruits. Cesk. pediat. 18
no. 7:645-647 Jl '63.

1. Ministerstvo zdravotnictvi - odbor pece o pracujici, Praha.
(MILITARY MEDICINE) (PUBLIC HEALTH)

KORISTEK, V.; CERNY, J.

Tumors of the small intestine. Rozhl. chir. 42 no.6:373-378
Je '63.

1. I chirurgicka klinika lekarske fakulty UJEP v Brne, pred-
nosta prof. dr. J. Podlaha, DrSc.
(INTESTINAL NEOPLASMS) (INTESTINE, SMALL)
(ADENOCARCINOMA) (LYMPHOSARCOMA)
(FIBROMA)

KRATOCHVIL, M.; CERNÝ, I.; SCHNIERER, M.; PETRAS, J.; SIMKOVIC, I.;
SMRECANSKÝ, V.

Surgical anatomy of the outflow of the left heart. Bratisl.
Lek. listy 63 no. 3:165-169 '63.

I. Laboratorium pre výskum chirurgickej patofysiologie Lek.
fak. Univ. Komenskeho v Bratislave, riaditeľ doc. MUDr.
M. Kratochvil.

(AORTIC VALVE) (ANATOMY) (HEART SURGERY)
(AORTA) (CORONARY VESSELS)

SIMKOVIC,I.; SMRECANSKY,V.; KRATOCHVIL,M.; CERNY,J.

Functional evaluation of membrane pumps. Bratisl. lek. listy
44 no.4:193-198 '64.

Hemodynamic laws in the arterial sector of the extracorporeal
circulation. Ibid:199-202

I. II. chirurgicka klinika Lek.fak.Univ.Komenskeho v Bratislave
(veduci: akademik K.Siska) a Laboratorium pre vyzkum chirur-
gickej patofyziologie Lek.fak.Univ.Komenskeho v Bratislave
(veduci: prof.M.Kratochvil).

*

KRATOCHVIL, M.; CERNY, J.; MINAR, J.; SCHNIEVE, M.

Effect of partial hepatectomy on the restitution of the angio-architectonics in the liver of rats with carbon tetrachloride cirrhosis. Bratisl. Lek. Listy 44 no.7:392-396 '64.

1. Laboratorium pre vyskum chirurgickej patofyziolgie Lek. fak. Univerzity Komenskeho v Bratislave (veduci prof. MUDr. M. Kratochvil, Dr.Sc.).

IVANYI, J.; HRABA, T.; CERNY, J.

Immunological tolerance to human serum albumin (HSA) in chickens of adult and juvenile age. Folia biol. (Praha) 10 no.3:198-205 '64

1. Institute of Experimental Biology and Genetics, Czechoslovak Academy of Sciences, Prague.

IVANYI, J.; HRABA, T.; CERNY, J.

The elimination of heterologous and homologous serum proteins
in chickens at various ages. Folia Biol. (Praha) 10 no.4:275-283
'64.

1. Institute of experimental biology and genetics, Czechoslovak
Academy of Sciences, Prague.

BRUCKNER, L. [deceased]; BESKA, F.; CERNY, J.; STEPANEK, V.; POHLIDALOVA, L.;
KLEGA, J.

Changes of the shoulder joint in mammary carcinoma. Cesk.
radiol. 19 no. 3:162-168 My '65

1. Onkologicke oddeleni (vedouci: MUDr. R. Raffersberg); patologic-
koanatomicke oddeleni (vedouci: doc. dr. C. Dvoracek); krajske
nemocnice s poliklinikou v Ostrave, a Rentgenologické oddeleni
UNZ v Bohumíne (vedouci: MUDr. V. Stepanek).

CERNAY, J.; CIOVAREK, Z.; technicka spoluprava SHURDIKOVA, M.

Relation of the level of glutathione reductase in the blood
to weight and body surface in healthy children of school age.
Cesk. pediat. 19 no. 11 1979-1982 N 262

I. Pediatricka katedra SÚM v Trenčíne (veduci MUDr. A. Gellik)
a Centrálnie biochemické laboratórium Česodniho ustavu narodenin
a zdravia v Trenčíne (veduci MUDr. Z. Ciovarek).

CERNY, J.

EXCERPTA MEDICA Sec.2 Vol.11/5 Physiology,etc. May 58

2246. DIFFERENCES IN THE ACTIONS OF ADRENALINE AND ACETYLCHOLINE INJECTED INTO THE PORTAL VEIN OR THE HEPATIC ARTERY IN NORMAL AND ECK-FISTULA DOGS - Unterschiede in der Wirkung von Adrenalin und Acetylcholin bei normalen Hunden und bei Hunden mit Eckscher Fistel nach ihrer Applikation in die Pfortader und in die Leberarterie - Černý J., Kratochvíl M., Minář J. and Payer J. Anat. Inst., Komensky Univ., Bratislava - Z.GES. EXP. MED. 1957, 129/1 (69-76) Tables 4 Illus. 2

To produce an equipressor response in normal dogs the required doses of adrenaline in the femoral vein, the splenic vein and the hepatic artery were in the ratio 1:10:13. In Eck-fistula dogs the effects of adrenaline in the portal and the femoral vein were equal and the equipressor doses in the femoral vein and the hepatic artery were in the ratio 1:3. For ACh the mean doses producing the same fall of blood pressure in normal dogs by injection into the femoral vein, the splenic vein and the hepatic artery were 14.5, 2600 and 2700 µg., respectively, while in Eck-fistula dogs effects by injection into the portal and the femoral vein were equal and the effective dose in the hepatic artery was reduced to 1000 µg.

Szilagyi - Debrecen

CERNY, J.
CERNY, J. (Brno, Erbenova 3)

Contemporary endeavors in mental deficiency research. Cesk. psychiat. 54
no.1:56-59 Feb 58.

1. Neuropsychiatricke oddeleni krajske nemocnice, Brno.
(MENTAL DEFICIENCY
research, review (Cz))

CERNY, Jan (Praha 16, Na Vaclavce 18/1221)

Problem of medical psychology. Cas. lek. cesk. 98 no.14:438-442 3
Apr 59.

1. KUNZ-Usti nad Labem, Psychiatrictke oddeleni.
(PSYCHOLOGY
in Czech. (Cz))

CERNY, Jan

Certain modifications of Rorschach experiment in clinical psychology and psychiatry. Cesk.psychiat.56 no.5:335-341 0'60.

1. Kabinet psychologie katedry spolecenskych ved. Pedagogicky institut v Usti nad Labem.
(RORSCHACH TEST)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3

CERNY, Jan (Praha)

On Mongolian psychiatry. Cesk. Psychiat. 57 no.6:413-415 '61.
(PHYSIATRY)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3"

CERNY, Jan

On Chinese psychiatry. Cesk. psychiat. 59 no.4:273-282 Ag '63.

1. Psychiatricka lecебна, Kosmonosy.
(PSYCHIATRY)

CZECHOSLOVAKIA

CERNY, J., and OCHRYMCUK, L., Children's Department (Detske oddeleni), Mental Hospital, Brno.

"Creative Products of Tin, Metal, and Wire, and Their Use in the Treatment of Mentally Disturbed Children"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 4, August 63, pp 234-240.

Abstract [Authors' English summary, modified]: "Described is a new method of psychotherapy and occupational therapy using tin, metal, and wire in plastic work of mentally disturbed children. The treatment is carried out in cooperation with an artist. As a result the number of conflicts among children and between children and their supervisors declined. More detailed evaluation will be published later. Two references."

1/1

CZECHOSLOVAKIA

CERNY, Jan, Mental Hospital, Kosmonosy.

"Psychiatry in China"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 4, August 63, pp 273-282.

Abstract: This report is based on works by Chinese authors published in English and Russian, and on some German publications. It presents a historical background and reviews the present state of psychiatry in China with its specific features based on traditional Chinese medicine. Hundred-and-seven references, including 6 Czech and many Russian and English translation of Chinese authors.

1/1

19

CERNY, J.

~~Propos or indication for hospitalization in a pediatric psychiatric department. Ceska pediat. 19 no. 68552-557 Je 164~~

1. Detske oddeleni psychiatricke leceni KUNZ [Krajsky ustav narodniho zdravi] v Brne; vedouci :MUDr.J.Cerny.

CERNY, J., KALOUSKOVA, J.; KVAPIL, J.

Experiences with divinyl ether in short obstetrical operations. Cesk. gynek. 29 no.9:661-663 N ' 64

1. I. gyn.-por. klin. fak. vseob. lek. Karlovy University
v Praze (prednosta prof. dr. K. Klaus, DrSc).

KORISTEK, V.; CERNY, J.

Arterial patch from fresh venous autotransplant. Experimental study. (Preliminary report). Rozhl. chir. 43 no.12:798-804 D' 64

J. i chirurgicka klinika lekarske fakulty University J.E. Purkyne v Brne (prednosta prof. dr. J. Podlaha, DrSc.)

L 07914-67
ACC NR: AP6031225

SOURCE CODE: CZ/0088/66/000/005/0397/0415

30

B

AUTHOR: Cerny, Jan (Candidate of sciences)

ORG: Department of Mathematics, P. J. Safarik University Kosice (Katedra matematiky, Univerzita P. J. Safarika)

TITLE: Information transmission in the case of coding by finite automata

SOURCE: Kybernetika, no. 5, 1966, 397-415

TOPIC TAGS: coding, error, ergodic theory, information transmission

ABSTRACT: An information-transmitting system consisting of an ergodic (stationary, nondecomposable) source, a coder, a stationary channel with a finite memory, and a decoder, is considered with the condition that both the coder and the decoder are finite automatic devices not maintaining the length of the input words. The influence of coding upon the source properties, e.g., elongation of messages, etc., the role played by the channel, and the problem of a new definition of error frequency are analyzed. Possible characteristics for the system's elements that would allow estimation of the mean error frequency by comparing the messages

Card 1/2

L 07914-67

ACC NR: AP6031225

O

transmitted and received are presented. The author suggests that the study could be applied in the theory of tape teleprinters. Orig. art. has: 73 formulas.

SUB CODE: 09/ SUBM. DATE: 17Dec65/ OTH REF: 004/

Card 2/2

vmb

CERNY, J.
CA

A new method of quantitative chromatography of inorganic cations. J. Dykyj and J. Cerny. *Chem. Listy* 49, 84-91 (1945).—A cationoid like methylene blue which has been adsorbed on starch is desorbed and replaced by inorg. cations. A chromatographic tube is filled with an aq. starch suspension. After sedimentation, a small amt. of methylene blue is added to the supernatant water, which, after draining, forms a thin ring on the upper end of the starch column. When an inorg. cation soln. is passed through the column, it shifts the blue ring by a distance proportional to the amt. of the cation present. The method is suitable only for Mg, Ca, Sr, and Ba ions. Univalent cations do not affect quantitatively. Anions (Cl, HCO₃, NO₃ ions) do not affect the process. A shift of the ring by 1 mm. is caused by approx. 10^{-3} g-equiv. The dist. is not dependent on the concn. of the cations. Since all the cations shift the ring by the same distance, the method is suitable only for detection of individual cations. E.g., 200 ml. 0.0001 N soln. of bivalent cations passed through the column during 24 hrs. shifted the ring by 28 mm. M. Hudlický

CERNY, J.

13-66-6
(2)

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Pharmaceuticals, Cosmetics, and Perfumes

Chloramphenicol. R. Kucera and J. Cerny (Research Inst. Pharm. Biochem., Prague). Teskovac. farm. 2, 84-90(1968).—A review on chemistry, production, action, and therapeutical use. D. Hubskova

CERNÝ, J.

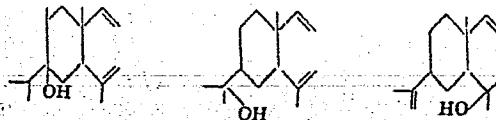
Preparation of ester from finely dispersed sodium cyanoacetate. O. Brezina, J. Cerný, I. Odler, and J. Tamchyna

(Slov. vysoká škola techn., Bratislava, Czech.). Chem. Zvesti 8, 70-8 (1954).—The effect of H_2O , dispersion, and time in prepn. of $NCCH_2CO_2Me$ from finely dispersed technically pure $NCCH_2CO_2Ni$ by evapg. soln. after cyaniding CH_3Cl-CO_2Na in water-free medium of C_6H_6-MeOH at 20° after adding H_2SO_4 was studied. It was found that the reaction speed is not affected by finely dispersed salt. Maximum yield was obtained in 50 hrs. and the presence of H_2O up to 1% in the reaction medium increased the yield 4%. Dispersion had little effect on esterification yield. Jan Micka

(3)

CERNÝ, JIRI

Ternes, LV. Synthesis of elemene (1-methyl-1-ethyl-2,4-diisopropyl cyclohexane). Vladimír Štěkra, JIří Černý, Vlastimil Herout, and František Sorm (Čsl. akad. věd, Praha, Czech.). Chem. Listy 48, 71-74 (1954); cf. preceding abstr.—Synthetic 1-methyl-1-ethyl-2,4-diisopropyl-cyclohexane (I) is identical with elemene, a reduction product of elemol. However, 1,5-diisopropyl-2-methyl-2-ethyl-cyclohexanol (II) is not identical with tetrahydroelemol. One of the three formulas is suggested for elemol.



To a suspension of dry MeONa (prepd. from 23 g. Na) in 200 ml. C_6H_6 , was added 75 g. HCO_2Et in 200 ml. C_6H_6 , and to the ice-cooled mixt. was added a soln. of 51.6 g. carvomenthone (b_{11} 94–1.5°, n_D^{20} 1.4543) in 300 ml. C_6H_6 . After 48 hrs. at room temp. under N atm., the mixt. was decompd. with H_2O , the C_6H_6 layer repeatedly extd. with 7% NaOH , the alk. ext. was extd. with Et_2O , then acidified with HCl (1:1) to pH 6, and extd. again with Et_2O to give 47 g. (83%) 2-methyl-5-isopropyl-6-formylcyclohexanone (formyl-carvomenthone) (III), b_{11} 122–2.5°. Etherification of III

(47 g.) with 38 g. iso-BuOH yielded 40 g. (80%) 2-methyl-5-isopropyl-6-(isobutylxymethylene)cyclohexanone (IV), b_{11} 112–15°. To ethylate IV, KNH_2 (prepd. from 16 g. K in 160 ml. liq. NH_3 with 0.1 g. $\text{Fe}(\text{NO}_3)_3$) was added to 630 ml. boiling Et_2O , the NH_2 was driven off under N atm., 44.7 g. IV in 200 ml. Et_2O was added during 2 hrs. after 1.5 hrs. boiling, in the course of 2 hrs., 90 g. EtI in 150 ml. Et_2O was added, and the mixt. refluxed 12 hrs., treated with H_2O , the aq. layer extd. with Et_2O , the ext. washed with 5% KOH, H_2O , dried, the Et_2O evapd., and the residue mixed with 250 ml. M methanolic FeCl_3 . Treating the Fe complex with 400 ml. HCl (1:1), extg. the mixt. with Et_2O , washing the ext. with dil. HCl and H_2O , extg. the ether soln. repeatedly with 5% KOH, and steam digst. the alk. soln. yielded 17.5 g. (51.2%) 2-methyl-2-ethyl-5-isopropylcyclohexanone (V), pure, b_{11} 113–3.5° (15.5 g.); semicarbazone, m. 111.5–12.5° (from aq. MeOH). Adding 1.82 g. V to a soln. of iso-PrLi (prepd. from 0.7 g. Li and 10 ml. iso- PrCl), and heating the mixt. 1.5 hrs. gave 2.1 g. 1,5-diisopropyl-2-methyl-2-ethylcyclohexanol (VI), b_{11} 141–5°. Dehydration of 1.5 g. VI by heating 40 min. on the steam bath with fivefold excess of 80% HCO_2H , chromatography, and hydrogenation of the petr. ether fraction (0.9 g., b_{11} 112–13°) over PtO_2 , gave 1-methyl-1-ethyl-2,4-diisopropylcyclohexane (VII), d_{10}^{20} 0.8480, n_D^{20} 1.4638. Infrared spectra of VII and of elemene obtained by total reduction of elemol are identical.

M. Hudlický

CERNY, J.

Czechoslovakia/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61471

Author: Wichterle, O., Cerny, J.

Institution: None

Title: Chloromethylation of Styrene

Original

Periodical: Sb. chekhosl. khim. rabot, 1955, 20, No 6, 1288-1291; German;
Russian [redacted]

Abstract: See Referat Zhur - Khimiya, 1956, 32424

Card 1/1

Cerny, J.

Nitrogen lime. p. 117.

Vol. 5, no. 3, Mar. 1955.
CHEMICKY PRUMYSL

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3

(Signature)

RECORDED IN LS AND INDEXED

SEARCHED [redacted]

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3"

Cerny, Jiri

2
3
✓ Methyl ester of 1-naphthylacetic acid. Oto Wichterle and
Jiri Cerny. Czech. 85,459, Jan. 1, 1950. A new synthesis
is presented proceeding via C_6H_5 (I), $1-C_6H_5CH_2Cl$ (II),
 $1-C_6H_5CH_2CN$ (III), and $1-C_6H_5CH_2C(=NH)OEt \cdot HCl$ (IV)
to the Me 1- $C_6H_5CH_2CO_2H$ (V) known as a phytormone.
The over-all yield of V, based on I, is 70%. Crude II
(77.26 g.) (contg. 61.98 g. pure II, obtained in 92.0% yield
by heating 64 g. I, 60 g. 24.91% HCHO, and 500 ml. 37.03%
HCl 6 hrs. to 70° with vigorous stirring) treated with 28.56
g. KCN and 138.0 g. MeOH, refluxed 10 hrs. with vigorous
stirring, HCl gas passed into the mixt. (contg. 41.18 g.
III in MeOH) 3 hrs. at a rate 13.2 l./hr. with stirring and
cooling to 20°, the resulting IV hydrolyzed by the addn. of
350 ml. water, and the product extd. with C_6H_6 and distd.
yielded 47.62 g. V, b.p. 165-7°, n_D^{20} 1.5985. L. L. Urthanek

CZECHOSLOVAKIA/Organic Chemistry. Natural Compounds
and Their Synthetic Analogues. G

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11958

Author : Vystrecil A., Cerny J.

Inst : Not given.

Title : Model Substances of Physostigmine Compounds.

Orig Pub: Chem. listy, 1958, No. 3, 494-497

Abstract: There were synthesized certain derivatives,
containing the 3-phenylpyrrolidine group, which
enter into the composition of a physostigmine
(eserine) molecule. Phenylsuccinic acid was
heated with an excess of an aqueous solution of
methylamine before the temperature reached 210°:
1-methyl-3-phenyl-2,5-dioxopyrrolidine was
obtained (yield, 33%; melting point, 58° - from

Card 1/4

12

CZECHOSLOVAKIA/Organic Chemistry. Natural Compounds G
and Their Synthetic Analogues.

Abs Jour: Ref.Zhur - Khim., No. 4, 1959, 11958

alcohol). By boiling the latter (for 10 minutes) with 3 mols of LiAlH₄, ether produced 1-methyl-3-phenylpyrrolidine (I) (boiling point, 82-85°/3 mm); the picrate's boiling point was 115°. From α-methyl-α-phenylsuccinic acid, there similarly was produced 1,3-dimethyl-α-phenyl-2,5-dioxopyrrolidine (yield, 32%, melting point, 51°), which, by the action of LiAlH₄, as in the preceding case, changed into 1,3-dimethyl-3-phenylpyrrolidine (boiling point, 82°/1.5 mm). Hydrating the ethyl ether of 2-carbetoxy-3-phenyl-4-nitrobutyric acid over skeletal Ni in alcohol produced ethyl ether of 4-phenyl-2-oxopyrrolidine-3-carboxylic acid (yield, 54%; melting point, 125-126°), the boiling point of which (for 4 hours) with HCl in water-alcohol produced 4-phenyl-2-oxopyrrolidine (yield, 80%; melting point, 76-77°).

Card 2/4

CZECHOSLOVAKIA/Organic Chemistry. Natural Compounds G
and Their Synthetic Analogues.

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11958

The product was dissolved in methanol CH_3ONa and methylated by CH_3I in 1-methyl-3-phenyl-5-oxo-pyrrolidine (yield, 53%; melting point, 145° - 146°), which reduced LiAlH_4 to dioxane in I; in testing, the picrate does not depress the mixed melting with the above-described preparation. The nitrile of α -phenylacetaminoisobutyric acid after standing (for 10 hours) with alcohol saturated with HCl (gas), provided ethyl ether (yield 49%; melting point, 97°), which was cyclized by the action of Na into xylol in the cold state to 3-phenyl-5,5-dimethyl-2,4-dioxo-pyrrolidine (melting point, 219° - from water). The product was alkylated with CH_3ONa and CH_3 by heating with CH_3OH (for 20 hours) to 100° in a sealed tube in the presence of HgO with the

Card 3/4

13

CZECHOSLOVAKIS/Organic Chemistry. Natural Compounds G
and Their Synthetic Analogues.

Abs Jour: Ref Zhur - Khim., No. 4, 1959, 11958

formation of 1,3,5,5-tetramethyl-3-phenyl-2,4-dioxopyrrolidine, C₁₃H₁₇O₂N (melting point, 185° -- from diluted alcohol). The reduction of LiAlH₄ to ether provided 1,3,5,5-tetramethyl-3-phenylpyrrolidine (yield, 43%; melting point, 147° - from alcohol). The ethyl ether of the phenylacetooacetic acid was methylated by boiling (for 2 hours) with CH₃I and C₂H₅ONa in alcohol with the formation of ethyl ether of α-méthyl-α-phenylacetooacetic acid (yield, 55%; boiling point, 104-107°/15 mm, n_D²⁰ 1,5000. After boiling (for 2 hours) with N-bromsuccinimide in CCl₄ in the presence of benzoyl peroxide, the product yielded ethyl ether of β-brom-α-methyl-α-phenylacetooacetic acid (yield, 59.2%; boiling point, 112-125°/11 mm. The attempt to condense the bromine derivative with methylamine was not successful.--Jan Kovar

Card 4/4

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Pharmaceuticals. Vitamins. Antibiotics.
ABS. JOUR. : RZhKhim., No 19, 1959, No. 68812
AUTHOR : Sninkova, V.; Cerny, J.
TITLE : "A Simple Determination Method of Certain Sulfonamides,
I. 4-Aminobenzylsulfonamide, 4-Aminomethylbenzenesulfonamide and their mixtures with 2-(4'-Aminobenzylsulfonamide)-4-methylpyridine (Surronal-Bayer)"
ORIG. PUB. : Ceskosl. farmac., 1958, 7, No 10, 591-593

ABSTRACT : Developed is the procedure of quantitative analysis for "Marbadal" (I), based on the determination of 4-aminobenzylsulfonamide (II). To determine its content, by the argentometric method followed by the diazotization (after the removal of CS-group). Approximately 0.75 gr I or of a preparation, containing I, are dissolved in 10% NH₄OH, bringing the volume up to 55 ml (using the same solvent). To 10 ml of the solution are then added 1 ml of a 1% solution of 2-(4'-Aminobenzylsulfonamide)-4-methylpyridine (Surronal-Bayer).

Card:

COUNTRY :
CATEGOHY :

ARS. JOUR. : RakhKim., No 19, 1959, No. 68312

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : added 10 ml of 0.1n. AgNO_3 , 15 ml of 50% HgSO_4 , heated to boiling point, then adding water up to 100 ml volume, filtering the precipitated Ag_2S , followed by titration with rodonide in the presence of iron-germanium elue, or adding Na_2EDTA up to 100 ml, filtering, taking 50 ml of solution, acidifying with concentrated HCl and titrating with a potentiometric NaNO_2 solution. In surronil, the sum of I and of deienal is determined by diazotization and then I is determined argentometrically. -- T.Zvareva

Card: 5/2

II - 57

CERNY, J.; DUSEK, K.

Study of the stability of ureaformaldehyde compounds. p. 391.

TEXTIL. (Ministerstvo lehkého průmyslu) Praha, Czechoslovakia. Vol. 14,
no. 10, Oct. 1959

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

COUNTRY	:	CZECHOSLOVAKIA	G
CATEGORY	:	Organic Chemistry. Natural Substances and Their Synthetic Analogs	
ABS. JOUR.	:	RZhKhim., no.23 1959, no.82428	
AUTHOR	:	Mystreil, A.; Cerny, J.	
TYPE	:	-	
TITLE	:	Model Substances of Thyroestigmine	
ORIG. PUB.	:	Collect. Czechosl. Chem. Commun., 1959, 24, No 3, 804-806	
ABSTRACT	:	No abstract. See RZhKhim., 1959, No 4, No 11958.	
CARD:		1/1	

CERNY, J.

"Glycosides of purpurogallin" In German. p. 24.

COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS, Praha, Czechoslovakia,
Vol. 24, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6, Sept. 59

Unclassified

CERNY, J.

Institute for
Organic Chemistry

Thiophane compounds. III. Rearrangement of 2,5-bis(hydroxymethyl)thiophanes with hydrochloric acid. J. Černý and J. Hora (Karlova Univ., Prague). Collection Czech. Chem. Commun. 25, 711-715 (1960) (in German); cf. CA 47, 8060i. — *Cis-* (I) and *trans*-tetrahydro-2,5-bis(hydroxymethyl)thiophene (II) gave with concd. HCl *cis*- (III) and *trans*-tetrahydro-2-chloromethyl-5-chlorothiopyran (IV), resp. (with ring enlargement). Azeotropic esterification of 8.8 g. *trans*-tetrahydrothiophene-2,5-dicarboxylic acid, m. 105-6°, [dianilide m. 253-4° (aq. C₆H₅N); dichloride b₄, 90-2°, n_D²⁰ 1.1454] gave 11.2 g. di-Et ester, b₄, 93-4°, m. 31.5-2.5°, n_D²⁰ 1.4788 [1,1-dioxide m. 88.5-9° (CHCl₃-petr. ether)], whose redn. with LiAlH₄ in Et₂O followed by decompn. with 10% aq. NaOH yielded 87% II, b₄, 106-7°, n_D²⁰ 1.5465 [bis- α -naphthylurethan m. 182-3° (CHCl₃-petr. ether)]. Similarly, redn. of di-Et *cis*-tetrahydrothiophene-2,5-dicarboxylate, n_D²⁰ 1.4820, gave 84% hygroscopic I, b₄, 109-10°, n_D²⁰ 1.5432 [bis- α -naphthylurethan m. 187-8° (CHCl₃-petr. ether); diacetate b₄, 108-9°, n_D²⁰ 1.4892; diacetate 1,1-dioxide m. 93.5-5° (CHCl₃-petr. ether)]. Dissolving at 0° 4.4 g. I in 70 ml. 37% aq. HCl, stirring the soln. 12 hrs. at room temp., pouring onto ice, extg. with Et₂O, washing the exts. with H₂O, drying, and distg. gave 4.8 g. III, b₄, 58-9°, n_D²⁰ 1.5499 [bis(tribromophenate) m. 188-7° (dioxane-EtOH); 1,1-dioxide (V) m. 119.5-20° (CHCl₃-petr. ether)]. Similarly, II gave 84% IV, b₄, 51-2°, n_D²⁰ 1.5470 [bis(tribromophenate) m. 191-2° (dioxane-EtOH); 1,1-dioxide (VI) b₄, 116-7°, m. 96.5-7.5° (Et₂O-petr. ether)]. Hydrogenolysis of V and VI with H (Raney Ni) in dioxane at 20°/2 atm. gave 80% and 73%, resp., tetrahydro-2-methylthiopyran 1,1 dioxide, m. 68-7° (Et₂O-petr. ether).

JHM - Plumb

4
gg(N/B)

HARTMANOVA, Dagmar; CERNY, Jiri.

Experiences in the application of polyester varnishes. Drevo
19 no. 3:105-108 Mr⁶ 64

1. Ceskoslovenske hudebni nastroje National Enterprise, Hradec
Kralove.

HARTMHOVÁ, Dagmar; ČERNÝ, Jiří

Surface treatment of exotic woods by polyester lacquers. Druva 19
no.4 141-142 pp 162.

J. Československé lesnické podniky National Enterprise, Prague,
Czechoslovakia.

CERNY, Jiri

Water quality in the Drahanovice Sugar Factory during the 1961
and 1962 campaigns. Listy cukrovar 80 no. 3 68-71 Mr '64.

1., Cukrovar Drahanovice.

CERNY, Jiri

Evaluation of the operation of a diffusion station. Misty
cukrovar 80 no.8215-218 Ag'64

1. Cukrovar Drahonovice.

KERNY, J.

Equipment for preparation of thin layers with a binder and equipment for applying solutions to thin layers with and without binders. Cesk. farm. 13 no. 52366-267 Je'64

1. Statni ustanov pro kontrolu leciv, Praha.

CERNY, Jiri, dr.

Qualifications of technical intelligentsia. Nova technika no.9:
389-392 S '60.

CERNY, Jiri, dr.

Cooperation of enterprises with technical schools. Nova technika
no.12:529-532 D '60.

CERNY, Jiri, promovany ekonom

Problem of transportation on little used local railroads.
Doprava no. 1:76-78 '64.

CERNY, J.

Pan furnaces and experiences with their operation.

p. 307 (Sklar A Keramik) Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

16.3400

S/044/62/000/008/063/073
C111/C333

AUTHOR: Černý, Ján.

TITLE: Note on differential equation systems with lagging argument
which depends on the solution of the systemPERIODICAL: Referativnyy zhurnal, matematika; no. 8, 1962, 50-51,
abstract 8V267. ("Souhrn praci o automat. 1959". Praha,
1961, 255-265) /B

TEXT: For the system

$$\frac{dy_i}{dt} = f_i(t, y_1(t-\tau_1), y_2(t-\tau_2), \dots, y_n(t-\tau_n))$$

where $f_i(t, y_1, y_2, \dots, y_n)$ and $\tau_i = \tau_i(t, y_1, y_2, \dots, y_n)$ ($i = 1, 2, \dots, n$)
satisfy the Lipschitz - condition with respect to y uniformly with respect to t , one proves under certain additional restrictions theorems of existence and uniqueness for the solution with the usual initial conditions. In the case $n = 1$ one gives sufficient conditions for the fact that $\lim_{t \rightarrow \infty} y = 0$ holds, and the question of the numerical integration

methods is discussed.
[Abstracter's note: Complete translation.]
Card 1/1

41928
S/194/62/000/009/014/100
D201/D308

9.2560

AUTHORS: Cerný, Josef and Zouplna, Milan

TITLE: A contactless polarized relay

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika,
no. 9, 1962, abstract 9-2-18 d (Czech. pat., cl. 21 g,
4/05, no. 99014, March 15, 1961)

TEXT: The patented circuit of a transistorized contactless relay has two transistors connected in series to the supply voltage, each base being connected through a resistor to the collector of the opposite transistor. The input signal is applied to the bases of the transistors and the output is taken between the mid-point of the supply source and the junction point of the transistors. Reverse biassed Zener diodes are connected in series with the load. 2 figures. [Abstracter's note: Complete translation.]

Card 1/1

CERNY, J.; HAJEK, F.

Czechoslovak "pencil-type" rectifiers. p. 91.
(Elektrotechnik, Vol. 12, no. 3, March 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 6,
June 1957. Uncl.

CERNY, Jaroslav

Typical examples of precision machining technique. Stroj
vyr 11 no.5:266 My '63.

1. Zavodni pobocek Ceskoslovenske vedecko-technicke spolecnosti,
Zavody presneho strojirenstvi, n.p., Gottwaldov.

CERNY, Jindrich; BRUCKNER, Ladislav; BESKA, Frantisek

Our experiences with the cobalt irradiation apparatus GUT-Co-400-2.
Cesk. rentgenol. 16 no.4:278-283 Ag '62.

1. Onkologicke oddeleni v Paskove --- KNsP Ostrava, prednosta dr
B. Raffersberg.
(COBALT radioactive) (RADIOTHERAPY equip & supplies)

BRUCKNER, L.; MOSLER, J.; TOMAS, J.; CERNY, J.; BESKA, F.

X-ray picture of the urinary bladder in gynecological carcinoma.
Cesk.rentg.14 no.6:390-395 D'60.

1. Onkologicke odd. KUNZ-Ostrava v Paskove, prednosta MUDr.
B. Raffersberg.
(BLADDER radiog)
(GENITALIA FEMALE neopl)

PESKA, F.; BRUCKNER, L.; CERNY, J.

The kymographic picture of gastric changes in radiation injury.
Cesk. gastroent. vyz. 15 no.1:61-63 F '61.

l. Onkologicke oddeleni KUNZ - Ostrava V. v Paskove, prednosta prim.
MUDr. B. Raffersberg.
(RADIATION INJURY pathol.) (STOMACH radiation effects)
(KYMOGRAPHY)

CERNY, Jaroslav

Analysis of health and other causes for rejections and failures among the students of vocational SHD mining schools in Mezibori during recent several years. Pracovni lèk. 12 no.6:303-305 Jl '60.

1. Ministrstvo zdravotnictvi, odbor pece o pracujici.
(MINING)
(VOCATIONAL EDUCATION)

CZECHOSLOVAKIA

UDC 312.6:313.13:616-057(622):331.861

CERNY, Jaroslav; UVOS /Abbreviation not explained/ of the Employees of the Industry Providing Consumption Goods (Zamestnancu Spotrebniho Prumyslu), Prague.

"Morbidity and the Rate of Accidents of Apprentices in the Mining Industry During the 3 Years of their Apprenticeship."

Prague, Pracovni Lekarstvi, Vol 18, "o 8, Oct 66, pp 356-359

Abstract /Authors' English summary modified/: 216 apprentices were studied; the morbidity rate was highest at the beginning of the first year. Rate of morbidity of some diseases mainly of pyodermatitis, tympanitis, and eye inflammations increased during the 3 year period. During the first year the apprentices did not work underground; only 51 accidents were reported; in the 2nd and 3rd years, when underground work was undertaken, the number of accidents was 176 and 172 during the working hours. 3 Tables, 2 Czech references. (Manuscript received 30 Jun 64).

1/1

CERNY, Josef

STIPAL, Bohumil

CZECHOSLOVAKIA

MD

Chief of the Health Department (Odbor Zdravotnictvi)
of the North-Moravian KNV, Ostrava

Prague, Prakticky Lekar, No 20, Oct 62, pp 869-872

"Committee of Experts of the Department of Health of
KNV (Regional National Committee) as an Instrument to
Increase the Level of Health Care"

Co-authors:

CERNY, Josef, JUDr, Chair of Legal Medicine of
PU (Palacky University), Olomouc; Director:
A. ROZMARIC, Prof. Dr.

1/2

SEPIVEC, Vladislav, MUDr.; BROVOTA, Stanislav, MUDr.; LAVICKA, Josef, MUDr.;
CERNY, Josef, MUDr.

Neuropsychical disorders in ACTH and cortisone therapy. Vnitr.
lek., Brno 1 no.11:850-855 Nov 55.

1. Z psychiatricke kliniky (prednosta doc. MUDr. Evzen Vencovsky)
a vnitri kliniky (prednosta doc. MUDr. Karel Bobek) lekarske
fakulty v Plzni. Psychiatricka lecebna v Dobranech.
(MENTAL DISORDERS, etiology and pathogenesis,

ACTH & cortisone.)

(ACTH, injurious effects,

ment. & neural disord.)

(CORTISONE, injurious effects,

ment. & neural disord.)

CERNY, Josef

Complex mechanization in North Bohemian power plants. Energetika
Cz 12 no.7:366-367 Jl '62.

1. Severočeské energetické závody, n.p., Děčín.

L 1020-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACCESSION NR: AP5025948

CZ/0039/65/026/005/0291/0295

AUTHOR: Cerny, Jozef, (Engineer); Hruz, Branislav, (Engineer) 36

TITLE: Linking an analog and a digital computer

SOURCE: Slaboproudý obzor, v. 26, no. 5, 1965, 291-295

TOPIC TAGS: digital computer, logic circuit, analog computer, optimal automatic control

ABSTRACT: [Authors' Russian and English summaries, modified] The article describes the basic block diagram linking an analog and a digital computer in modelling optimum control systems. The requirements for the connecting channels are determined. Finally, the designing and practical realization of the linking of an analog-digital transducer to a digital computer by means of ferro-transistor logical circuits is described. Orig. art. has: 10 figures and 13 formulas.

ASSOCIATION: Ustav mechaniky a automatizacie Slovenskej akademie vied, Bratislava (Institute of Mechanics and Automation, Slovak Academy of Sciences)

Card 1/2

L 1020-66

ACCESSION NR: AP5025948

SUBMITTED: 05Dec64

ENDL: 00

SUB CODE: DP

NR REF SOV: 000

OTHER: 011

JPRS

Card 2/2

CZECHOSLOVAKIA

PROCHAZKA, M; CERNY, J.V; SNISEK, M

1. Institute of Organic Chemistry, Karlova University,
Prague - (for ?); 2. Institute of Physical Chemistry,
Czechoslovak Academy of Sciences, Prague - (for ?)

Prague, Collection of Czechoslovak Chemical Communications,
No 3, March 1966, pp 1315-1322

"Oxabicyclo(3,3,0)octanes."

Neurology

CZECHOSLOVAKIA

NADVORNIK, P.; OSCADAL, A.; CERNY, J.; Neurosurgical Clinic, Medical Faculty, Charles University (Neurochirurgicka Klinika Lek. Fak. KU), Hradec Kralove, Head (Prednosta) Prof Dr R. PETR; Neurological Department Okresni Institute of National Health (Neurologické Odd. OUNZ), Havlickuv Brod, Head (Vedouci) Dr A. OSCADAL.

"encephaloschisis."

inque, eskoslovenska Neurologie, Vol 29, No 5, Sep 66, pp

Abstract /Authcrs' English summary/: Diencephaloschisis is a rare anomaly of the brain; in the past it was known only from autopsies. The authors describe a live patient, in whom the disease was diagnosed by pneumoencephalographic examination. Its manifestations are similar to suprasellar expansion; this is different from the fissure of the hypothalamus. 1 Figure, 1 Western reference.

CERNY, Karel.

FIKLÍK, Karel; CERNY, Karel

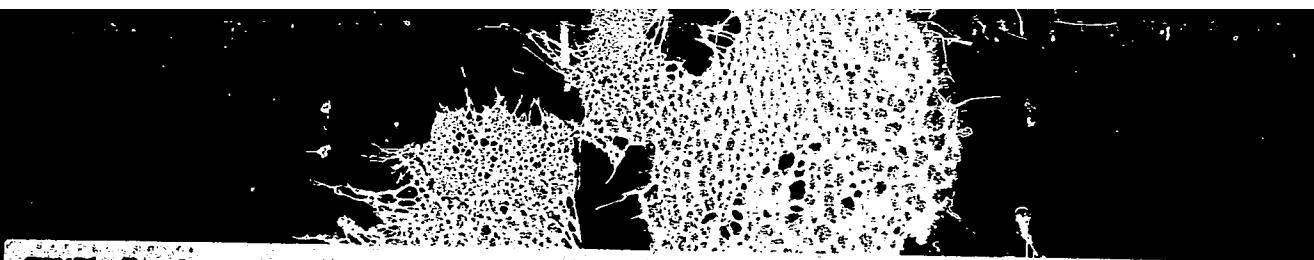
Experiences at the pediatric ward of the Czechoslovakian hospital
in Chonjin in Korea. Cesk. pediat. 12 no. 9:820-824 5 Sept 57.

(HOSPITALS,

pediatric ward in Czech. hosp. in N. Korea (Cs))

(PEDIATRICS,

same)



CERNÝ, Karel

(4?)

2

Chemical
Vol. 45 No. 1
Mar. 25, 1963
Apparatus, Plant Equipment, and
Unit Operations

of crude anhydrous aluminum
scale. Karel Cerný, Chem.
yd. AlCl₃ in 80-100-g. batches
is purified by distillation
photograph. The distillation
to give a white powder if an
in color if an i tube
is available for the Friedel-
lasta much longer.

P. J. Hendel

MF
11-5-54

CERNY, K.

Secondary production in the metallurgic industry. p. 142.
(HUTNIK, vol. 5, no. 5, May 1955, Praha)

SO: Monthly List of East European Accession,(EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Unclassified.

*6714** ✓ Importance of Cold Pressing as a Method for Manufacturing Screws and Bolts. *Význam lisování za studena ve výrobě šroubových závitů.* Czech. Knižn. Československého vydavatelství, v. ř. no. 11, Nov. 1955, p. 337-340.
Techniques and machines for new method of making bolts, and its economy compared with older machining methods. Diagrams graph, photograph 3 ref.

Cerný, Karel. Contribution à la théorie des approximations diophantiques simultanées. Acta Fac. Nat. Univ. Carol.,

Prague no. 188, 27 pp. (1948). (French. Czech summary)

The author's main result is as follows. Let s be a positive integer greater than 1. Let $\omega(x)$ be positive and continuous and $\omega'(x)x^{s-1}$ monotonic for $x \geq 1$. Suppose that $\int_1^\infty \omega'(x)x^s dx$ converges and $\int_1^\infty \omega'^{-1}(x)x^{s-1} dx$ diverges. Let $\tau(x) \geq x$ be defined for $x \geq 1$, with $\tau(x)/x \rightarrow \infty$ as $x \rightarrow \infty$. Then there exists a real number Θ , such that, for almost all real numbers $\Theta_1, \dots, \Theta_{s-1}$, the system $(\Theta_1, \dots, \Theta_s)$ admits simultaneous Diophantine approximation with the function $\omega(x)$, but does not admit it with the function $\omega(\tau(x))$. This result is an extension of one due to Jarník [cf. Koksma, Diophantische Approximationen, Springer, Berlin, 1936, chapter 5, theorem 13], which asserted the existence of a system $(\Theta_1, \dots, \Theta_s)$ with these properties. The construction of Θ is effected by a continued fraction, and the set-theoretic part of the proof is less complicated than was the case with Jarník's original proof.

H. Davenport (London).

Source: Mathematical Reviews,

Vol 12, No. 3

CERNÝ, KAREL

Černý, Karel. On the minimum of binary biquadratic forms. Čehoslovack. Mat. Z. 2(77), 1-56 (1952). (Russian. English summary)

The author investigates the minimum of a binary quartic form $f(x, y) = a_0x^4 + \dots + a_4y^4$ for integers $x, y \neq 0, 0$, when a_0, \dots, a_4 are real and the roots of the equation $f(x, 1) = 0$ are all complex. His results coincide with those found by C. S. Davis [Acta Math. 84, 263-298 (1951); these Rev. 12, 678]. (The author remarks in a footnote that he saw the review of this paper only when his own was in course of printing.) Černý's first main result corresponds to Davis's Theorem 2' and his second main result to Davis's Theorem 4. The parameter M of Černý is $6m$ in Davis's notation. The treatment in both papers is based on techniques developed by Mordell.

H. Davenport (London).

SO: Mathematical Review, Vol. XIV, No. 7, July - August 53

~~CERNY, KAREL~~

Cerny, Karel. Sur les approximations diophantiennes.
Ceskoslovensk. Mat. Z. 2(77), 191-220 (1952). (Russian.)
French summary)

The author proves, with the aid of the theory of Lebesgue measure, a result of Jarník based on difficult considerations involving Hausdorff measure [Math. Z. 33, 505-543 (1931)]. Suppose that $s > 1$, $\omega(x)$ is a positive continuous function for $x \geq 1$, and $\omega'(x)x^{s-1}$ is monotonic for $x \geq 1$. Suppose also that $\int_1^\infty \omega'(x)x^s dx$ and $\int_1^\infty \omega'^{-1}(x)x^{s-1} dx$ are respectively convergent and divergent. Finally, let $\tau(x)$ be a function defined for $x \geq 1$ such that $\tau(x)/x \geq 1$, and $\tau(x)/x \rightarrow \infty$ as $x \rightarrow \infty$. Then there exists a number Θ_s such that, for almost all points $(\Theta_1, \Theta_2, \dots, \Theta_s)$ of Euclidean $(s-1)$ -dimensional space, $(\Theta_1, \Theta_2, \dots, \Theta_s)$ is a proper system and admits the approximation $\omega(x)$ but not $\omega(\tau(x))$. Here $(\Theta_1, \Theta_2, \dots, \Theta_s)$ is said to be proper if $k_0 + k_1\Theta_1 + k_2\Theta_2 + \dots + k_s\Theta_s = 0$, for integral k_i , implies $k_0 = k_1 = \dots = k_s = 0$. In the proof Θ_s is constructed as a continued fraction whose convergents satisfy certain elaborate conditions.

From this result the following is deduced: Let $s \geq 1$, and let $\omega(x)$, $\lambda(x)$ be two functions which are positive and continuous for $x \geq 1$. Let the functions $\omega(x)x^s$, $\omega'(x)x^s$, $\omega'(x)x^{s+1}$, $\omega(x)x^{s+1}$ (for a certain $\epsilon > 0$), $\lambda(x)$ be monotonic and let $\lambda(x) \rightarrow 0$ for $x \rightarrow \infty$. Also suppose that $\int_1^\infty \omega'(x)x^s dx$ is convergent. Then there exists a proper system

$(\Theta_1, \Theta_2, \dots, \Theta_s)$

which admits the approximation $\omega(x)$, but not $\omega(x)\lambda(x)$.

R. A. Rankin (Birmingham).

CERNY, KAREL

Cerny, Karel. Remark on Diophantine approximation.
 Časopis Mat. 77, 241-242 (1952). (Czech)

The author proves that if ξ is any irrational number and a, b, s , are arbitrary integers ($s > 0$), then there exist infinitely many pairs of integers u, v such that $u \equiv a \pmod{s}$, $v \equiv b \pmod{s}$, and

$$\left| \frac{\xi - u}{v} \right| < \frac{(1+\epsilon)s^2}{5b^2}.$$

inequality

Here ϵ is an arbitrary positive number and the result is best possible in the sense that s cannot be replaced by a larger number.

This is an improvement on a result of S. Hartman [Colloquium Math. 2, 48-51 (1949); these Rev. 12, 807], where a similar result with the right-hand number replaced by $2s^2/v^2$ is proved (see also remark by the reviewer). The proof is extremely simple, following immediately from Khintchine's result that if ξ is irrational, α real and $\epsilon > 0$, then there exist infinitely many integers $p, q > 0$ such that

$$|q\xi - p - \alpha| < \frac{1+\epsilon}{5q^2}.$$

R. A. Rankin (Birmingham).

CERNY, K.

Czechoslovakia

CA:47:11774

"Rapid determination of oxalic acid in scale."

Listy Cukrovar. 68, 15-16(1952); Sugar Ind. Abstr. 14, 25(1952)

CERNÝ, K.

Partition chromatography of some vitamins B and their
polarographic determination in biological material. K.
Cerný (Výzkumný ústav cukrovar., Prague). *Sborník Československých Pracovní Konf. Anal. Chemiká* (Prague) (1952)
270-85 (Pub. 1953).—The intensity of pyridoxine fluorescence is a max. at pH 8-9 and is enhanced by oxidation. The partition paper chromatography of thiamine, riboflavin, pyridoxine, and folic acid was studied as a function of solvents, papers, and temp. Best results were obtained with water as a nonmobile and butanol as a mobile phase. Complications owing to the photosensitivity of alk. folic acid solns. are discussed. Herbert Morawetz

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3

Cerny, K.

Some biologically active substances in molasses and products of the sugar-beet industry. K. CERNY (Vrk, mlatiborsk, Prague, Czech). Przemysl Rolniczy 3, 278-31 (1953) — Review with 25 references. L. J. Urbanek /

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308030004-3"

CERNY, K.

"Principles of the Standardization of Analytical Methods of Ascertaining Vitamins in Biological Materials," p. 16.
(Prauznal Potravin, Vol.4, No.1, Jan. 1953, Praha.)

SO: Monthly List of East European Accessions, Vol.2, No.9, Library of Congress, September
1952

CERNY, K.; SILINK, K.

Fractionation and biochemical significance of acid phosphomonoesterases
in hormone-dependent carcinomas. Neoplasma, Bratisl. 7 no.1 suppl:
85-91 '60.

(PHOSPHATASES chem)
(NEOPLASMS exper)

SILINK, K.; CERNY, K.

Biochemical typing of hormonally-differentiated carcinomas of
the breast and prostate. Neoplasma, Bratisl. 7 no.1 suppl:92-98
'60.

(PHOSPHATASES chem)
(BREAST NEOPLASMS diag)
(PROSTATE neopl)

HAVLENA, J.; CERNY, K.; STYBRA, J.

Isolation and identification of carcinogenic lipophilic chromogens.
Neoplasma, Bratisl. 7 no.1 suppl:114-119 '60.

1. Vyzkumny ustav endokronologicky, Praha. Chirurgicke oddeleni
nemocnice na Frantisku, Praha.
(DYES chem)
(CARCINOGENS chem)

SILINK, K.; MAJEROVA, A.; CERNY, K.; VOHNOUT, S.; HOSCHL, R.

Investigation on I-131 and iodine fractions in differential
diagnosis of carcinoma of the thyroid gland. Neoplasma, Bratisl.
7 no.1 suppl:123-126 '60.

(IODINE metab)
(THYROID GLAND neopl)

ROHLING, S.; CERF, X.

Effect of small doses of ionizing radiations on serum phosphatase activity. Cas.lek.cesk.99 no.36:1141-1145 2 S'60.

1. Vyskumný ustav endokrinologicky v Praze, prednosta doc.dr. K.Silink.

(RADIATION EFFECTS)
(PHOSPHATASES blood)

(4)

CZECHOSLOVAKIA

FABRY, P., HEIDA, S., CERNY, K., OSANKOVA, K., PECHAR, J., ZVOLANNOVAK, K; Nutrition Research Institute, Peiatric Faculty, Charles University (Ustav pro Vyzkum Vyzivy Lida, Fakulta Detskeho Lekarstvi, KU), Prague.

"The Influence of Food Intake Frequency on Body Proportions and the Thickness of Epithelium in School Children."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, pp 83-84

Abstract: In grown-ups infrequent heavy meals increase fat deposition. 226 children, aged 6 - 16 were given 2874-2970 calories per day in 3, 5 or 7 meals. In the age group 11 - 16 3 meals a day led to an increase of weight; in the younger group no difference was found. The epithelium was thicker in the children with increased weight. 4 Western, 4 Czech references. Submitted at "16 Days of Physiology" at Kosice, 30 Sep 65.

1/1

REEL ~~1~~ 80

CASKO, JULIUS
TO

END